



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/648,801	08/27/2003	William L. Bowden	08935-282001 / M-5013	3936
26161 7590 03/01/2007 FISH & RICHARDSON PC P.O. BOX 1022 MINNEAPOLIS, MN 55440-1022			EXAMINER ALEJANDRO, RAYMOND	
			ART UNIT 1745	PAPER NUMBER
			MAIL DATE 03/01/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.



**UNITED STATES DEPARTMENT OF COMMERCE**

**U.S. Patent and Trademark Office**

Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
---------------------------------	-------------	---	---------------------

EXAMINER
----------

ART UNIT	PAPER
----------	-------

20070223

DATE MAILED:

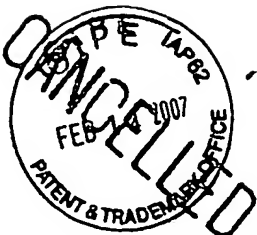
**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner for Patents**

The reply brief filed 02/15/07 has been entered and considered. The application has been forwarded to the Board of Patent Appeals and Interferences for decision on the appeal.

  
**RAYMOND ALEJANDRO**  
**PRIMARY EXAMINER**

Raymond Alejandro  
Primary Examiner  
Art Unit: 1745



Attorney's Docket No.: 08935-282001/M-5013/Z-03482

AF  
7D

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : William Bowden et al.  
Serial No. : 10/648,801  
Filed : August 27, 2003  
Title : PRIMARY LITHIUM BATTERY

Art Unit : 1745  
Examiner : Raymond Alejandro  
Conf. No. : 3936

Mail Stop Appeal Brief - Patents

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REPLY BRIEF

Applicants are responding to the Examiner's Answer.

The Examiner contends that the specification "fails to provide specific direction for ascertaining the definition, scope, and implication of the terms 'mixture' and 'blend'." See Examiner's Answer at 10. Based on this, the Examiner interprets a "mixture" and "blend" of carbon fluoride and lithiated manganese dioxide sufficiently broad to encompass, for example, a cathode including a first layer including carbon fluoride and a second layer including lithiated manganese dioxide.

But the specification does provide specific "direction" concerning the meaning of mixture, in particular, and the Examiner's boundless interpretation of mixture is inconsistent with that direction. For the convenience of the Board, applicants will walk through the specific guidance provided in the specification.

Applicants provide an example of a battery covered by claim 25 in Figure 1:

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

February 13, 2007

Date of Deposit

Signature

Sherry L. Hunt  
Typed or Printed Name of Person Signing Certificate

Reply Brief Noted  
02/23/07  
RAM